

AMENDMENTS TO THE CLAIMS

Claims 1.-132. (CANCELLED)

133. **(Currently amended)** A method of increasing oxygen levels in a tissue of an individual in need thereof, the method comprising administering [[a]] an aqueous composition to said individual, wherein said composition comprises between about 10% and about 25% free available oxygen by volume.

134. **(Previously presented)** The method of claim 133, wherein the composition comprises a solution, gel, semi-solid, paste, lotion, mist, spray, foam, suppository, ointment, or emulsion.

135. **(Currently amended)** The method of claim 134, wherein said composition comprises a solution, wherein said solution ~~comprises an aqueous solution.~~ is an aqueous solution available under the trademark Santee Oxygen.

136. **(Previously presented)** The method of claim 135, wherein said aqueous solution is administered in the form of a drop.

137. **(Previously presented)** The method of claim 135, wherein said aqueous solution is supported by a substrate.

138. **(Previously presented)** The method of claim 133, wherein the composition is administered topically, transcutaneously, transdermally, subcutaneously, subdermally, intravenously, intradermally, intrathecally or intraperitoneally.

139. **(Previously presented)** The method of claim 138, wherein said composition is administered locally to said tissue.

140. **(Previously presented)** The method of claim 138, wherein said composition is administered by injection.

141. **(Previously presented)** The method of claim 133, wherein said composition is a sustained release form.

142. **(Previously presented)** The method of claim 133, wherein said composition is administered by a transdermal patch or in the form of a body wrap,

143. **(Previously presented)** The method of claim 133, wherein said tissue is hypoxic tissue.

144. **(Previously presented)** The method of claim 133, wherein said tissue comprises eye tissue.

145. **(Previously presented)** The method of claim 133, wherein said individual is suffering from a medical condition of the eye or pain.

146. **(Previously presented)** The method of claim 145, wherein said medical condition of the eye is selected from the group consisting of retinopathy, diabetic retinopathy, macular degeneration, glaucoma, ocular ischemia, and corneal hypoxia.

147. **(Currently amended)** A method of treating a medical condition in an individual in need of increased tissue oxygen levels, the method comprising administering a composition to said individual, wherein said composition comprises tetrameric oxygen in aqueous solution providing between about 10% and about 25% free available oxygen by volume.

148. **(Previously presented)** The method of claim 147, wherein said medical condition is selected from the group consisting of retinopathy, diabetic retinopathy, macular degeneration, glaucoma, ocular ischemia, and corneal hypoxia.

149. **(Previously presented)** The method of claim 147, further comprising treating said individual with gene therapy.